

BASF Ultraform N 2640 Z4 BK140 Q600 POM

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Impact Modified

Material Notes:

Ultraform N2640 Z4 BK140 Q600 is a high toughness, elastomer-modified injection molding POM grade.

Order this product through the following link:
http://www.lookpolymers.com/polymer_BASF-Ultraform-N-2640-Z4-BK140-Q600-POM.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in³	ISO 1183
Water Absorption	0.80 %	0.80 %	ISO 62
Moisture Absorption at Equilibrium	0.25 %	0.25 %	23°C/50% R.H.; ISO 62
Linear Mold Shrinkage	0.019 cm/cm	0.019 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	50mm/min; ISO 527
Elongation at Break	>= 50 %	>= 50 %	50mm/min, Nominal strain; ISO 527
Elongation at Yield	14 %	14 %	50mm/min; ISO 527
Tensile Modulus	1.55 GPa	225 ksi	1mm/min; ISO 527
Flexural Modulus	1.57 GPa	228 ksi	ASTM Test
	1.74 GPa	252 ksi	ISO Data
Izod Impact, Notched	0.950 J/cm @Thickness 3.17 mm	1.78 ft-lb/in @Thickness 0.125 in	ASTM Test
Izod Impact, Notched (ISO)	11.7 kJ/m²	5.57 ft-lb/in²	ISO Test

Thermal Properties	Metric	English	Comments
Melting Point	167 °C	333 °F	10 K/min
	167 °C	333 °F	ASTM Test
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ASTM Test

Descriptive Properties	Value	Comments
Color	BK140	

Commercial Status Descriptive Properties	Active America Value	Comments
Impact Modified	Yes	
Primary Processing Technique	Injection Molding	

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